

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	6	"6734559".pn. "6203613".pn. "6204168".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/15 15:44
L2	920	438/652.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/15 15:49
L3	1898	438/687.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/15 15:49
L4	1455	438/618.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/15 15:49
L5	1420	257/750.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/15 15:49
L6	1583	257/751.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/15 15:49
L7	2896	438/637.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/15 15:49
L8	8888	L2 L3 L4 L5 L6 L7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/15 15:49
L9	2	8 and (ald with (cap capping) with (copper cu))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/15 15:57

## EAST Search History

L10	775	8 and ((cap capping) with nitride)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/15 15:57
L11	67	10 and (cyclical ald pulsing)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/15 16:50
L12	1	("cyclical deposition" with "cap layer").clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/15 17:19
L13	2981	257/e21.579.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/15 17:19
S19	764095	"438"/\$.ccls. or semic or ic or "257"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/19 15:18
S20	22	(dual with damascene) and (ald with (cap capping) with layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/15 15:48
S21	2	("20030139034"   "6528428").PN. OR ("6849536").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/13 10:43
S22	4	(dual with damascene) and (ald with (cap capping) with (copper cu))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/15 15:43
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S39	1681	438/687.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/15 12:41
S40	1242	438/618.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/15 12:41
S41	1335	257/750.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/15 12:41
S42	1438	257/751.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/15 12:41
S43	2557	438/637.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 07:28
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S46	2	"6204168".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 07:58
S47	155	"tantalum nitride" with (ALD cyclical pulse pulsing)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/19 15:19
S48	504	("tantalum nitride" TaN) with (ALD cyclical pulse pulsing)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/19 15:28
S49	253	S48 and (@ad>"20030107" or @rlad>"20030107")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/19 15:29
S50	0	S49 not S49	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/19 15:21
S51	251	S48 not S49	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/19 15:21
S52	408	("tantalum nitride" TaN) with cap	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/19 15:28
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S57	639	S56 and "dual damascene"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/20 15:47
S58	2022	parker.xa.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/20 15:47
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